

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024766**Date Inspected:** 20-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Li Yang ZPMC**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** BAY 14 LIFT 14W**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Robert A. DeArmond was present during the time noted above and conducted observations relative to the work being performed.

BAY 14

Ultrasonic Testing (UT)

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. All components were as listed on NWIT notification no. 09534. The member(s) is/are identified as OBG 14W Deck Plate Stiffener to Longitudinal Diaphragm, Web Plate to SA4912B, Rib Stiffener floor Beam, Edge Beam Web to Floor Beam and Edge Beam Flange to Floor Beam. The weld designations reviewed are as follows

SEG3020Z-004, SEG3020E-062, SEG3020AZ-027, SEG3020W-188, 190, 189, SEG3020R-148, 150, 149, 138, 140, 142, SEG3020W-179, 181, 183, SEG3020M-242, 243, 244, SEG3020Q-040, SEG3020N-010, SEG3020Q-184, 035, SEG3020N-009, 005, SEG3020L-009, 011, 163, SEG3020AW-083,

BAY 9

Magnetic Particle Testing (MT)

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. All components were as

WELDING INSPECTION REPORT

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listed on NWIT notification no. 09530. The member(s) is/are identified as OBG Flange to Web. The weld designations reviewed are as follows

TR3001TR2-001-047, 048, 051, 052, TR3007TR1-001-010, 011, 007, 008, TR3003TR1-001-006, 007, 009, 010

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As mentioned above between QA and QC concerning this project

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Devy 150-002-6784, who represents the Office of Structural Materials for your project.

Inspected By:	DeArmond,Robert	Quality Assurance Inspector
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Reviewed By:	Riley,Ken	QA Reviewer
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